

## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

### LISTING OF CLAIMS:

1. (currently amended): An optoelectronic dust collecting machine for killing bacteria; and viruses comprising:

a machine ~~streamlined body having a streamlined structural body~~ having contained therein a power input line for coupling to an external power supply socket, a draft fan driven by, an electric motor, a circuit board coupled to said power input line, a chargeable battery and said electric motor and; an electronic circuit element; and a switching push button for operating said motor and; an indicating lamp for indicating a supply of power to said circuit board, an opening in the

said streamlined body having an opening used for lifting and carrying the dust collecting machine; and an externally mounted extendable long moveable handle,

said machine having a plurality of extreme ultraviolet ray transmitting tubes producing rays of 253.7 nanometer wavelength; and a circuit coupled to said circuit board for controlling said tubes, including a rheostat for the plurality of extreme ultraviolet ray transmitting tubes that serves to adjust the current output value,

said streamlined body further having formed therein an air inlet and exhaust outlets defining therebetween a path of air flow, and having contained therein within the path of air flow a filter screen, and a garbage box an air inlet, exhaust outlets; a chargeable battery, a power input line provided by an external power supply socket, wherein said streamlined body further has at least one a first transparent transmitting mirror affixed therein as a part of said ~~a garbage box~~ body, and

an externally mounted movable vacuum cleaner, wherein the externally mounted movable vacuum cleaner comprises a movable cleaning head having a second transparent transmitting mirror affixed therein, and

wherein ~~the~~ at least one extreme ultraviolet ray transmitting tube ~~has a separate radiates through said first transparent transmitting mirror protection that is used as~~ and is shielded by a

cover for the ultraviolet transmitting tube, said first transparent transmitting mirror being and is made of an ultraviolet transmitting material, and being disposed adjacent said garbage box such that it permits rays to enter said garbage box body, and wherein at least one other extreme ultraviolet ray transmitting tube is disposed adjacent said second ~~a penetrable transparent transmitting mirror for radiating extreme ultraviolet rays to exit to a carpet or floor.~~

**2. - 4. (cancelled)**

5. (previously presented): The dust collecting machine according to claim 1, wherein the opening is arranged at the upper part of the machine body for the user to hold conveniently; the externally mounted extendable handle can also be attached at the trailing end of the machine body so as to provide an another way for the user to hold.

6. (currently amended): The dust collecting machine according to claim 1, wherein the machine body can be separately held for use, and the body can also be connected with the externally mounted extendable handle for use together with the externally mounted movable cleaning head, which can be freely ~~swivel~~ adjusted to any angle, and which can slide close to a floor surface so as to automatically adjust itself to a proper angle during a cleaning work.

7. (previously presented): The dust collecting machine according to claim 1, wherein the machine body and the movable cleaning head each has at least one extreme ultraviolet ray transmitting tube that is built in the machine body and the movable cleaning head.

**8. (cancelled):**

9. (original): The dust collecting machine according to claim 1, wherein the filter screen can be cleaned and replaced.

10. (currently amended): The dust collecting machine according to claim 1, wherein the machine can be powered by the chargeable battery or by the external power supply socket.

11. (original): The dust collecting machine according to claim 1, wherein the chargeable battery in the machine body can be charged from an external power supply socket.

12. (previously presented): The dust collecting machine according to claim 1, wherein the garbage box body and the movable vacuum cleaner each has a power contacting part made of

metal materials, by which the machine body can get power from the chargeable battery or external power supply socket to ignite the plurality of extreme ultraviolet ray transmitting tubes.

13. (previously presented): The dust collecting machine according to claim 1, wherein the plurality of extreme ultraviolet ray transmitting tubes that are built in the garbage box body and the movable vacuum cleaner can be replaced by new ones.

14. (currently amended): The dust collecting machine according to claim 1, wherein the draft fan that is driven by the electric motor produces a strong suction while rotating rapidly, so that the air and sundries such as garbage can be drawn in the garbage box body, and

wherein the air can pass through the filter screen in the garbage box via the air inlet and exhausted via the exhaust outlets of the dust collecting machine.